



2017 Dominion Drift Tech Rules

V1.1 - 03/1/2017

Tech inspection requirements are based on keeping drivers, officials, and the spectators safe and minimizing event down time. It is the driver's responsibility to ensure the car is safe and all equipment is in good condition, installed and operating properly.

Be sure that you and your vehicle are capable of passing this checklist before arriving at the event. You will be given the chance to correct any unsafe items and be re-inspected. If you do not pass tech and miss seat time we cannot make any special accommodations.

When arriving to technical inspection, please bring your car prepared to go on track, along with your helmet.

Driver Requirements

1. A helmet is required for all drivers and passengers. Helmet must be Snell or DOT approved, in good working order with no signs of damage. Chin strap must be fastened.
2. All drivers must wear at minimum long pants, sleeved shirt, and closed toe shoes. Nylon clothing prohibited.
3. Driver must be at least 16 years of age with a valid driver's license. If under 18, parent or guardian must be present and sign waiver.
4. Driver meetings are MANDATORY. If you do not attend the drivers meeting, you will not be allowed on track. No Exceptions.

Car Requirements and Technical Info

General vehicle inspection may include inspection of safety equipment, drivetrain, suspension, brakes, and chassis for proper operation.

1. General Safety
 - a. Restraint harnesses properly mounted and not expired. OE 3 point belt systems, 4, 5 or 6 point SFI/FIA are allowed. Please refer to manufacturer specs for proper installation.
 - b. Cars must have easily accessible tow hooks/straps front and rear. OE tow hooks are acceptable; however the driver accepts the risk of body damage when using OE hooks.
 - c. All cars MUST have a fire extinguisher securely mounted within reach of the driver. Minimum 2lb extinguishing agent required.
 - d. Loose items in the cabin must be removed prior to tech inspection. This includes floor mats that attach with a hook.
 - e. 4 point roll bar minimum required for convertibles.

2. Drivetrain

- a. No active fluid leaks at technical inspection or anytime during the event.
- b. Throttle linkage, cable, etc. must be in good working order.
- c. Throttle return action must be swift and immediate.
- d. Radiators must have a securely mounted overflow tank.
- e. Anti-freeze, water-wetter, etc., not permitted. Water is the only substance allowed in the cooling system.
- f. Gas cap must be present and sealed. Firewall must be present for all fuel cells and components inside driver's cabin.
- g. Proper fuel lines and clamps required. Fuel injected vehicles require hoses marked SAE J30R9.
- h. Metal fuel filters required – no plastic or glass housings.
- i. Fuel lines must not pass through cabin unless shielded by a firewall structure.
- j. Exhaust system must be securely mounted to the vehicle. All exhausts must exit outside of the vehicle or to the rear of the cabin.

3. Brakes

- a. Brake pedal pressure must be firm without any play.
- b. Brake fluid level must be acceptable and fluid must be in good condition.
- c. Brake pads must not be excessively worn.
- d. All brake lights must be functional. Inoperative 3rd brake light is acceptable with other lamps functioning.
- e. Cars must have working, locking e-brake. Can be OE cable or hydraulic.

4. Electrical

- a. Batteries must be securely mounted with proper hardware to the chassis. Bungee cords, zip ties, etc. prohibited.
- b. If battery is located within the cabin it must be sealed and non-venting, or within a fully sealed box vented outside of the cabin.
- c. Car must be equipped with an electrical kill switch. If not using the OE key assembly, shutoff switch must be clearly marked and easily accessible to emergency workers.
- d. All wiring must be insulated and properly mounted.

5. Steering and Suspension

- a. Steering linkage must be in good working order without binding.
- b. Steering wheel should not have excessive play.
- c. Tie rods ends, ball joints, wheel bearings, suspension bushings, etc. should be in good condition without excessive wear.

6. Wheels and Tires

- a. All lug nuts must be properly torqued to 80ft/lbs. (or manufacturers spec).
- b. All lug nuts must be present with no missing studs
- c. All hubcaps or other decorative items must be removed.
- d. Tires must be in good condition with no belts or cords showing, and no cracks in the tread or sidewall.
- e. No damaged wheels (major lip bends, cracks, etc.)

7. Body and Glass

- a. Hood and trunk must be present with secure latches.
- b. Windshield must be present without excessive cracks.
- c. All body panels (bumper cover, fenders, side skirts, etc.) are highly recommended.

8. Tandem Requirements

- a. 6 point minimum cage with 1.5", 0.095" DOM SAE 1018. Must comply with current SCCA, NASA, FIA, or Formula Drift rulebook.
- b. Double door bars on drivers and passenger sides, X or NASCAR styles allowed.
- c. Padding required on rollcage wherever occupants may come in contact.
- d. Clothing, Shoes, and Gloves must be fire resistant.
- e. Fixed back racing seat
- f. 5 point seat harness minimum.