

F.S.D

RULE AND TECH BOOK

2018

DRIVER REQUIREMENTS

SA2010-SA2015 HELMETS ONLY!!!

Drivers are required to wear long pants, closed toe shoes and a sleeved shirt. Long sleeve is not required.

DRIVER'S MEETING IS MANDATORY!! If you do not attend the meeting, you cannot drive!!!!

Driver must have a valid drivers license. Must be over the age of 18.

COMMON SENSE IS MANDATORY!!

NO CRYING!!!

ON TRACK AND PIT GUIDELINES

Pit area should be for your own car and tools only! Keep the area clean of all trash at the end of the event. Used tires must be taken with you at the end of the event. Any spill of automotive fluids must be cleaned up immediately. Please notify the F.S.D staff member of any spills. DO NOT dispose of any automotive fluids in the trash cans!!!

NO SPEEDING OR RECKLESS DRIVING WHILE IN THE PITS!!!

Driver must pay very close attention to all flaggers and course workers. If any of their instructions are ignored, the driver will be, at a minimum, kicked off track for the session. If the offense is repeated or unsafe, the driver will be ejected from the event. These will be strictly enforced for your safety and ours.

Flag color and meaning will be explained at drivers meeting.

NO PIT BIKES, SCOOTERS, GO KARTS OR GOLF CARTS!!!

DOVER INTERNATIONAL SPEEDWAY IS A NO DRONE ZONE!

VEHICLE REQUIREMENTS

General vehicle inspection will include inspection of brakes, suspension, engine, drivetrain and chassis for proper operation, condition and potential issues. Everything loose in car must be removed. If you have to ask, it probably should be taken out.

ENGINE/DRIVETRAIN

No fluids can be leaking or dripping from the car. If signs of a fluid leak are present, evidence must be shown that leak no longer exists.

Heat shield required around the brake and clutch master cylinders for any cars with the exhaust side of the engine on the same side as the driver. OEM heat shield is acceptable. This is more for turbo setups that run near the master cylinders.

Coolant overflow required on all cars. OEM coolant overflow systems are acceptable. Oil overflow required on cars which have removed or modified OEM oil recovery system.

Gas cap must be present and completely sealed. If you don't have a gas cap you will NOT DRIVE!!
Factory non-gas cap systems are the ONLY exception.

All fluid hoses must be the proper hose to use for the install application and purpose. Hose must have correct material and construction. Rubber hose should show no sign of wear or weak spots. All fuel hoses must use fuel line clamps, worm gear clamps are not allowed on fuel lines. Fuel Injected vehicles require braided steel or nylon hose or hose that is rated and marked SAE J30R9

Exhaust must be present and exit behind the driver door or past the rear axle of the car. Exhaust or waste-gate pipping exiting out from the hood in NOT allowed.

Naturally aspirated engine vehicles MUST have a muffler. Turbo engine vehicles can be straight pipe. ANY VEHICLE can be subjected to a decibel test if vehicle is questioned on the loudness. Depending on venue location, decibel rating limit may vary.

NO vehicle will be allowed on course equipped with a OPEN differential.

Intake piping MUST be secure! NO movement must be present.

LIGHTING AND ELECTRICAL

Battery must be securely tied down with plastic or metal strap and proper hardware. Battery tie down must be in good condition, no rubber tie downs, bungee cords, zip ties, etc. If battery is located in driver's compartment, battery must be sealed or in a sealed approved battery box properly mounted and vented from the driver compartment.

Brake lights must be operational. At least 2 brake lights must come on when using brake pedal. At least one headlight is required. Hazard lights at front and rear must be operational. Hazard switch must be located in cabin and within reach of driver while strapped into seat.

OEM key ignition system must completely shut off car immediately. If OE key is not used, a kill switch must be used to immediately shut off car. It needs to be easily accessible from outside of the car and the location needs to be clearly marked. All wiring should be protected, insulated and properly mounted. The use of wiring nuts is prohibited, these are cars not houses.

SUSPENSION AND BRAKES

Ball joints and suspension bushings must be in good condition and have no excessive play or clunking.

Steering must be smooth in operation and exhibit no binding.

All lug nuts must be present and properly torqued and have proper thread engagement. If using bolt on spacers, all lugs nuts attaching the spacer to the hub must be present.

Wheel bearings must have zero play. No one wants a wheel coming off!!

Brake pedal must be firm when pressed.

BODY AND GLASS

Certain body panels are required. Body panels include fenders, and doors. Fenders must cover the TOP of the wheel/tire.

Tow hooks/straps are required front and rear. Factory tow hooks are acceptable as long as the driver accepts that their car may be damaged when being towed. Tow hooks/straps should be easily found and painted a highly visible color and/or their location marked. Soft tow straps are recommended.

Hood and trunk must be securely latched either using the OE latch or aftermarket pins or latches.

Windshields are required and should not contain cracks or chips any larger than 1in.

Windshield, rear window and fixed side windows must be present. GLASS door windows must be operational if installed. LEXAN windows must have either a sliding door or be able to roll half way down.

DRIVER AND PASSENGER GLASS WINDOWS MUST BE DOWN DURING TANDEM RUNS!!!

HARNESSES, SEAT, STEERING WHEEL, ETC

Harnesses must be properly mounted. Harnesses must be FIA or SFI rated.

Harnesses must be mounted using correct hardware. If using eye bolts and bolting through the floor, must use fender washers on both sides to spread the load. Harness shoulder straps must be mounted to a roll cage or separate harness bar and should not be outside of 20* of horizontal. The seat cannot be used as a guide for the harness. Harness mounting points must be attached to the chassis or roll cage/harness bar, not to the seat or seat rails.

If car does not have a roll cage, a harness bar can be used to mount the shoulder belts when using a 4, 5 or 6-point harness.

If harnesses are NOT properly installed and/or NOT in compliance with FIA or SFI specifications, you will not be allowed to drive until rule is met OR will have to use factory seat belt if still installed in vehicle.

If stock seats or non-FAI approved reclinable bucket seats are used, stock seat belt must be used. Aftermarket harnesses are not allowed to be used with these seats.

Acceptable seat and harness configurations:

- a. Stock seat, stock seat belt, no cage
- b. Reclinable seat that is NOT FIA approved, stock seat belt, no cage
- c. Fixed back race seat (FIA approval not required), stock seat belt, no cage
- d. Fixed back race seat (FIA approval not required), 4-, 5- or 6-point harness, harness bar
- e. Fixed back race seat (FIA approval not required), 4-, 5- or 6-point harness, rollcage

Seats must be mounted securely in car. NO movement should be apparent when seat is tested in tech inspection. Steering wheel must NOT have any flex!

If car is equipped with a “quick release” hub. Hub must not have any play at all!! Must show that hub can come off and locks in tech inspection.

Fire extinguishers are required for all cars. Must be securely mounted using a metal bracket within reach of driver while seated. Minimum 2lb of extinguishing agent required (this does not mean overall weight of the entire extinguisher). Extinguisher must have gauge and gauge will be checked before each event.

ANY CONVERTIBLE/SOFT TOP VEHICLE MUST HAVE A ROLL BAR! OEM ROLL BARS ARE EXCEPTABLE.

HARDTOP VEHICLES DO NOT NEED A ROLL BAR

****HELPFUL HINTS****

Coilover suspension or similarly designed suspension setup is highly recommended. stock suspension is allowed but you will find that it is not suitable for drifting.

A clutch type or welded differential is highly recommended. Again, NO vehicle will be allowed on track with a OPEN differential. If the vehicle comes equipped with a stock limited slip differential/VLSD, they are allowed but most are not suitable for long term drifting.

Bucket or some sort of racing seat is highly recommended. Most stock seats will not hold you in place properly causing you to slid around your seat loosing focus on driving.

Drifting is fun. These rules and requirements are in place so that we can insure a safe environment for having fun. All Rules must be met in order to participate in the events. Anything found to be unsafe or questionable by tech inspectors will be reviewed and decide dupon by staff. If deemed unsafe by the staff, the car will not be allowed to run. The decision will be final untill stated otherwise.