



# 2018

## 2018 Evergreen Drift Grassroots Rules

Evergreen Speedway, Monroe, WA

(Updated 10/10/2017)

### **Rule Book Disclaimer**

The rules and regulations are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern all events, and by participating in these events. All participants are deemed to be in compliance with these rules and regulations. All rules are subject to the interpretation of the track officials. Any equipment that the officials consider exotic or not in the interest, or intent of the rules will be considered not legal for competition.

### **NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.**

These rules are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant spectator official or others. The Race Director shall be empowered to permit minor deviations from any of the specifications or impose further restrictions that, in his opinion, do not alter the minimum acceptable requirements.

### **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATIONS OF SPECIFICATIONS.**

Interpretation of, or deviation from these rules is left to the discretion of the Officials. Their decision is final. It's the responsibility of the driver to ensure their car conforms to all rules and regulations at all times.

### **Explanation:**

The Evergreen Drift Grassroots division is uniquely designed to allow drivers of all experience levels compete with an equal shot at reaching the podium and season championship. The judging criteria is based on how well a driver pushes their car to the limit putting mildly modified cars on an even footing with the high power cars. The bracket elimination are set up to allow both tandem and non-tandem drivers compete head to head to experience the challenge of drift competition. If both drivers don't meet the tandem safety requirements they will compete in a Pseudo Tandem battle where each driver takes solo runs with the best driver advancing to the next round.

Trophies and bragging rights are up for grabs on the podium. The driver that earns the most points over all rounds will be crowned the 2018 Evergreen Drift Grassroots Champion!

### 1) **Competing Models**

- a) Any rear wheel drive production model car

### 2) **Body Work**

- a) Body Panels such as bumper covers, side skirts, fender flares etc. Must be attached in a way that keeps them solidly mounted to the vehicle during normal operation.
- b) All cars must have a minimum of (1) front and (1) rear permanently installed tow hook.
- c) Door, Quarter and Rear window glass must be OEM or clear LEXAN
  - i) Door, quarter and rear window must be OEM glass or clear/polycarbonate with minimum thickness of .125-inch.
  - ii) Must be securely mounted in place
- d) Windshields are required and must not have any damage that impairs vision or cracks covering more than 50% of the windshield in any direction.
  - i) Windshields must be OEM glass or Lexan/polycarbonate replacement
  - ii) Lexan/polycarbonate windshields must be a minimum thickness of .125-inch
  - iii) Lexan/polycarbonate windshields must be securely mounted and have a vertical brace .750-inch wide x .0625-inch aluminum which is securely mounted down the center of the opening on inside the vehicle.
- e) Interior
  - i) The interior of the vehicle must be clean.
  - ii) All non-essential and/or loose items must be removed.
  - iii) Speakers, amplifiers etc. must be securely mounted or removed
  - iv) Throttle, Brake and clutch pedals must operate properly with no binding

### 3) **Roll Cage**

- a) A conforming roll cage is required to participate in Tandem runs on any 3/8 course.
- b) Cars without cages are allowed to tandem on courses designated by the Director of the Evergreen Drift as infield courses.
- c) Convertibles
  - i) All convertible cars must have a minimum of a 4 point roll bar.
  - ii) The bar must be higher than the driver's helmet when normally seated.
  - iii) The main hoop must not be more than 6" behind the driver.
- d) Basic Construction Standards
  - i) A minimum of a 4 point cage meeting the following criteria is required.
    - (1) Seamless SAE 1020 or 1025 etc. mild steel DOM tubing.
    - (2) The main cage components must all be made of the same size and thickness of tubing
    - (3) All Main components must be made from one piece continuous lengths of tubing.
    - (4) All contact areas in driver compartment must be covered with high density padding.
      - (a) Ethafoam or Ensolite or other similar material with a minimum thickness of 1/2" and conforming to SFI spec 45.1 is required.
    - (5) Any cage showing poor workmanship or welding will not be allowed to compete.
- e) Main Cage Specific Construction.

- i) The main roll hoop must extend the full width of the driver/passenger compartment and be as near the roof as possible.
  - (1) Must be welded to the frame or to a reinforced and/or gusseted floor pan on uni-body vehicles.
  - (2) Must have a diagonal tube extending from the top of one side of the hoop to the bottom of the opposite side.
- ii) Bolt In Roll Cages are allowed at Evergreen Drift Grassroots events
  - (1) Door bars must comply with rules listed under iii of this section.
- iii) Side Protection/door Bars
  - (1) Must have a minimum of one door bar across each front door opening.
  - (2) Must extend from the main hoop and terminate at the base of the A pillar.
  - (3) Must be one across both the passenger and driver's door opening
  - (4) Single door bar cars must retain factory doors with unmodified factory side impact protection.

#### **4) Engine, Transmission, Fuel, Chassis, Steering and Mechanical**

##### **a) Engine and Transmission Modifications**

- i) Engine, transmission, ECU and/or final drive modifications are free, but only the rear wheels may propel the vehicle.

##### **b) Fluids**

- i) All fluid systems must be free of leaks
- ii) Catch tanks for the transmission and differential are strongly recommended

##### **c) Exhaust**

- i) Exhaust modifications are free except
  - (1) Must have a minimum of one muffler
  - (2) Turbo wastegate pipes may exit anywhere outside of the bodywork
  - (3) Max noise level of 92db at 75 feet will be enforced

##### **d) Cooling System**

- i) Cooling system modifications are free.
  - (1) a one (1) pint minimum capacity sealed catch can is required.

##### **e) Brake System**

- i) The primary braking system must operate all 4 wheels
- ii) Secondary brake systems are allowed

##### **f) Steering modifications are free**

##### **g) Wheels, Tires and Suspension**

- i) Wheel bearings, shocks, steering and suspension must all be in good operating condition with no excess play.
- ii) No broken or missing lug studs or nuts are allowed
- iii) No Damaged wheels that pose a safety hazard

##### **h) Electrical System**

- i) A master electrical switch is highly recommended.
- ii) Cars with a relocated battery must have a fuse or circuit breaker meeting the following criteria
  - (1) 75 amp or higher recommended tripping point.
  - (2) Must be mounted in the positive cable within 12" of the battery terminal
  - (3) Must completely isolate the battery from all electrical circuits

##### **iii) Battery**

- (1) Must be securely mounted. Subject to Tech approval.
- (2) Batteries moved from the factory location must be enclosed in an approved battery box
- (3) Positive battery terminal must be completely covered with an insulating material

- i) Fuel System
  - i) Metal fuel filters are required
  - ii) No fuel lines may run through the driver's compartment
  - iii) A firewall must separate all fuel tanks and/or fuel system components from the driver's compartment
  - iv) Two (2) throttle return springs are required on all carbureted engines.

5) Occupant Safety Equipment

- a) Helmets must be worn during all on track sessions and must meet the following criteria
  - i) DOT rated open or full face style helmets are allowed. SNELL SA rated helmets are highly recommended.
    - (1) Must be free of any noticeable damage.
    - (2) Must cover temples and ears.
    - (3) Must not show signs of degrading from age.
    - (4) Evergreen Drift Tech Officials decisions are final. If they are not comfortable with your helmet you will not be allowed to use it.
  - ii) Snell Memorial Foundation- SA2005, SA2010, SAH2010 or SA2015. **Highly recommended**
  - iii) SFI Foundation- Spec 31.2 or Spec 31.2A. **Highly recommended**
  - iv) FIA 8860-2004, 8860-2001. **Highly recommended**
  - v) Full Faced Helmets are highly recommended.
  - vi) Clothing Requirements
    - (1) Any occupant must wear full length pants and a short-sleeved shirt at minimum. **SFI fire rated driving suit is highly recommended**
- b) Seats
  - i) All seats must be securely mounted at all 4 points of contact.
- c) Seat Belts
  - i) Seatbelts must be free from any cuts, tears or conditions that would affect their ability to protect you in the case of an accident.
  - ii) After market harness are recommended to be DOT, SFI or FIA certified.
  - iii) All seat belt systems are to be mounted according to the manufacturer's instructions or to the SFI Guide to Seat Belt Mounting.
- d) Fire Suppression
  - i) All cars must be fitted with a minimum of a two (2) pound fire extinguishing bottle.
    - (1) Must be mounted in the driver's compartment within easy reach of the driver while fully belted in
    - (2) Bracket must be securely mounted
    - (3) The mounting bracket must be a quick release type.
    - (4) Extinguisher must be rated at least 10 BC.

### General Information

All participants are expected to take pride in being part of our entertainment. Racing entertainment is what we sell to the public and we will not tolerate anyone or anything that detracts from the show. Cars in the opinion of the Officials that lack in appearance or are deemed unsafe will not be allowed to compete until acceptable. All car construction rules will be decided by Evergreen Drift tech inspectors. Their decisions are final.