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## 2018 FRONT WHEEL DRIVE FUN STOCK (18 sec)

In an effort to introduce new people to the fun and excitement of stock car racing, Sportsdrome Speedway has developed the F.W.D. cars (Front Wheel Drive Fun Stock (18 sec)). Race course will be decided by the Blinko Chip on the track prior to race (Oval, Butterfly or Kidney Bean). All racers are eligible to run in these divisions. These cars are not intended to be performance, race-type vehicles. These cars are to be stock with only modifications outlined below. The goal is to have inexpensive cars to race. Only modifications for safety outlined herein are allowed. Racing in this division is strictly for fun!!!! A normal night of racing will include practice sessions, heats and at least one feature.

The car of the winner may be claimed by any other competitor outside the top 3 that finishes within 2 laps of the winner and is in good running order at the end of the feature. Claiming driver must have \$750 for a straight claim or \$400 and be prepared to exchange their car for car being claimed. Driver's car being claimed has the choice. Easily removable safety equipment, i.e. driver seat, fire systems, belts, etc. may be removed before claim. Drivers or owners wishing to claim may do so by notifying the tech official or race director before feature and must do so in cash. Management has the right to refuse any claim for any reason. Management has the right to claim any car for \$750.

**ALL RACERS ARE ELIGIBLE TO RUN IN THESE DIVISIONS.**

### **Section A: Eligible Cars**

1. The cars can be foreign or domestic and must be front wheel drive.
2. 1977 or newer 4 cylinder or v-6 FRONT WHEEL DRIVE passenger car. Manual transmissions are allowed on 4 cylinder cars ONLY.
3. The wheelbase must be minimum 97".
4. No sports cars or 2 seaters.

### **Section B: Engine & Transmission**

1. Engine and transmission must be installed in the make and model for which it arrived from the factory.
2. Everything under the hood must be O.E.M., and in stock location without any modifications.
3. Heater Cores and A/C condensers may be removed; however the stock housing must remain in place.
4. No turbo or rotary engines are permitted.
5. Muffler REQUIRED. OEM type mufflers - 95 dB'S Maximum.
6. Radiator overflow bottles must have a 1-gallon capacity and remain in stock location.
7. Extra coolers for the transmission only must be mounted in front of radiator.

### **Section C: Suspension, Wheels, Tires and Brakes**

1. All four tires must be the same size. Tires must be standard D.O.T. series and **tread wear no less than 400** and must be the same size on all four corners. Tires must have standard road tread design (no directional, RaceTire, performance or snow tread) and are subject to tech approval. Springs must be the same diameter and size, front and rear. Tire pressures are mandatory at all times at a minimum of **24lbs** to a maximum **40lbs**.
2. All suspension components must remain stock and unaltered.
3. No spacers, knuckle busters, rubbers, lumber or chains may be used to alter stock suspension or for any other reason.
4. Brakes must work on all four wheels. No metallic pads. Absolutely no hand or emergency brakes are permitted to be on or operational on the car.

5. Racing wheels are not permitted. 7 inch x 13,14,15 & 16 aluminum and steel wheels are permitted maximum offset ½ inch from stock. Front may be ½" maximum and rear camber may be ½ " maximum.

6. Ride height 5" at the inside of all 4 tires.

#### **Section D: Body Frame and Interior**

1. All exterior body components must remain stock. All chrome and plastic must be removed from the outer body.
2. No lightening or gutting of the car will be allowed, except where outlined below. Doors must be welded or chained shut. Hinges and latches may be unbolted (not cut) from hood. Battery may be relocated behind the driver's seat, securely bolted to the floor and covered.
3. When destroyed, bumpers must be replaced with a full size, unaltered steel bumper shell to be mounted over minimum and maximum 2" x 2" square tubing. This bumper set-up may only be attached to the car in the stock locations. Bumper shock absorbers must be welded to prevent collapse. Bumper must be chained to the frame horns.
4. Bars in front of radiator are not permitted. However, once destroyed, the stock radiator may be placed in a fabricated and heavy-duty support frame.
5. It is mandatory that air bags be dismantled.
6. All glass, except windshield, must be removed from car, including headlights, taillights, outside mirrors, etc. All glass must be swept from car.
7. Aftermarket nosepieces or rub rails are not permitted.
8. Spoilers are not permitted, even if stock.
9. The complete body, including hood, must be intact at the start of the event. Any deviation from this after the event has started must be approved by the technical director.

#### **Section E: Safety**

1. Dash pad must remain in position. The carpet and headliner may be removed. Rear seat may be removed, however there must not be any openings between the trunk and drivers compartment.
2. The front seat may be replaced with a bucket seat or a racing seat. All drivers must use approved 4-point safety-harness belts, approved racing helmets (2000 Snell or newer), and must wear an approved fire suit at all times on the track.
3. Fuel additives are not permitted.
4. Cars with electrical fuel pumps may have a disconnect switch mounted so it is easily accessible by the driver and safety personnel (optional).
5. Weight may not be added anywhere.
6. Driver's side doorplate is required outside. Doorplate 12" high post-to-post, 5/16 minimum thickness, fastened with six ½ bolts. Optional full, 4-point cage may be used, with no front or rear hoops. Door bars may be installed as well; only the driver's door may be skinned to give arch to bars. If a single roll over bar is used, it may be supported by kick-downs to the rear that go no further back than the rear firewall. Also, must have two ½ inch bolts through the loop in the roof. A 4-point cage must be welded to 2, 4" plates which sandwich the floor pan at each mounting point.

**\*\*\* ALL RULES ARE SUBJECT TO OFFICIALS DECISIONS \*\*\***

#### **18 SECOND BREAKOUT RULE**

Purple & Orange layover flag – you must fall back behind the 5<sup>th</sup> place car (on the scoreboard) in turn 1 & 2

Black Flag- Must pull in the pit for stop-and-go penalty (speeding in pits will park car for the night)

White/Checkered Flag – there is no black flag laps