

# **2018 SIX SHOOTERS**

01/14/2018

1. Any 6 cylinder stock OEM car, truck or van.. Minimum wheelbase of 106". A 4-cylinder that does not fit the wheelbase rule in the Hornets, may compete with track approval.
2. No four wheel drive (activated) vehicles allowed. INTERIOR 1. Dash, steering and pedals must remain stock. (Dash may be altered to accommodate any roll cage) 2. Folding seatback fastened in position.
3. Racing seats NOT allowed.
4. Interior floor pan must be complete. No holes.
5. All airbags must be removed. BODY 1. Sun roof openings must be closed with steel. 2. Remove all glass except windshield. Broken glass must be cleaned from inside car before arriving at speedway. 3. Driver's door must be chained or welded shut. Driver's door plate recommended. 4. Passenger door chained only. 5. Bumpers must be chained to frame.
6. Hood and trunk may be secured with hood pins.
7. No gutting of steel body panels.
8. Working third brake light optional.
9. Stock ride height must be maintained.

## **ENGINE COMPARTMENT**

1. Stock engine for that make and model from carburetor to the exhaust manifold.
2. Stock transmission.
3. Insulation under hood may be removed.
4. Battery must be in stock location. Secured by minimum 1/8" x 1" steel strap with minimum 3/8" hardware with large head washers.
5. Exhaust complete and leak free. Maximum size of 2" O.D.. must run from engine to an area behind the driver. Mufflers are required.

## **SUSPENSION**

1. Steering and suspension must remain stock. No modifications. Ride attitude must be maintained.
2. 1" camber allowed. Measured with a carpenter square.
3. No ballast may be added.

4. Maximum 1" toe in or toe out allowed.

#### **COOLING SYSTEM**

Any radiator allowed which will fit in stock mounts. An overflow container mounted in engine compartment. Water only in radiator. No anti-freeze.

#### **GAS TANK**

If gas tank is ahead of rear axle it may remain in place. If gas tank is behind axle it must be placed with a fuel cell or marine tank (max. 6.6 gal.). Must be secured by minimum 1/8" x 1" steel strap with minimum 3/8" hardware. Must be covered in hatchback in a metal case.

#### **TIRES**

1. No 50 series, must be at least 60 series.
2. Must be DOT approved.
3. No racing tires.
4. Only tires speed rated M,N,P,Q,R,S,T or H allowed.
5. No tires rated U,V(VR), W(ZR), Y(ZR) or Z allowed. 2018 34
6. Maximum footprint of 6.5"
7. Same size and profile on all 4 corners
8. Wheel size must be for that make and model. Same on all corners.

#### **SAFETY**

1. Helmet must meet minimum DOT standard, suggested Snell approved.
2. Gloves and long sleeves required.
3. Fire extinguisher required. 2 lb. BC rated mounted in quick release bracket within reach of driver.
4. Window nets and racing seatbelts are recommended.

#### **ROLL BAR AND SIDE BARS (Recommended)**

1. Recommend vehicles be equipped with a roll bar. The material used must be 13/4 x .095 or better milled steel. No pipe fittings, exhaust pipe, or conduit.
2. Door bar or plate REQUIRED for four door hard tops with no door post.
3. The roll bar must be located directly behind the driver and reach as close as possible to the roof and the left side of car.

4. Two support bars must be added to roll bar to form a triangular, strong structure.
5. Driver compartment bracing must remain inside the driver's compartment and may not dissect, bisect or pass through either the engine or trunk firewall. Such bracing may be installed as a safety feature only and may not reinforce the body or frame or alter the geometry of the car.
6. Roll bar installation is subject to inspection which will be closely scrutinized. Refer to illustration for possible designs. NOTE: Four door hardtops (no door post must have door bars or plate as described below. A flush, securely mounted exterior driver's door protection plate is permitted as an option. NOTE: Plate must be same color as car body (entire door area may be white) and properly numbered. NOTE: The plate should over-lap the front and rear door edges by at least 12 inches.

#### **CAR NUMBERS**

1. Minimum 18" high numbers in contrasting color. Without a "named car" Numbers must be on both doors and roof.
2. 6" number on upper right corner of windshield and on back of trunk - right side above tail light.
3. NO spray painted or "duct" tape numbers. Cars with non-legible numbers will not be scored.

GENERAL All cars are subject to a minimum specification inspection at any time. It is the responsibility of the driver to prepare their car FREE of defects and in safe racing condition.

ELIGIBILITY Experienced drivers are acceptable, but previous race driving experience may disqualify you. Our officials will resolve any questions about your eligibility. It is the goal of this class to have fun and race in an inexpensive way.

**END OF 6 SHOOTERS RULES**