

# **Cherokee Rod Run**

**VALVE COVER  
RACING**

**APRIL 25-26 2025**

**1501 Acquoni Rd CHEROKEE, NC 28719  
BIG WHITE TENT**

**Remember those old cub scout days with the Pinewood Derby cars? Well, they have grown up...kinda! Your valve cover or "Car" is created by making a chassis, wheels, weights, and whatever go-fast goodies you can add on! Racers can be engineered in any way, so long as they follow the official rules. There will be a minimum of 2 categories, youth (under 12) and adult (13+) with each category competing for cold hard CASH!!!**

# Rules....

**ANYONE CAN ENTER THE RACES, YOU DO NOT HAVE TO HAVE A REGISTERED CAR IN THE SHOW TO PARTICIPATE**

## VALVE COVER CARS

- No engines or propulsion, gravity only
- No moving weights.
- Wheel can be attached to the car in any manner but must not extend beyond the front of the valve cover.
- Nothing can extend beyond the front of the valve cover.
- Cars shall be based on an actual rocker cover from an automobile engine.
- Cars must have four wheels, each no more than six inches in diameter.
- Wheel must have a non-metallic surface contacting the track.

### Critical Dimensions:

- 30 inch maximum overall car length.
- 15 inch maximum overall car width.
- 10 inch maximum overall car height.
- 10 pounds maximum weight by official scales.

## The Races:

- Cars who passed official inspection will run in heats of two cars each.
- Valve cover car can not be run in multiple divisions
- Official inspections will be open Friday from 1 pm to 3 pm and Saturday from 9am to 11am.
- All racers must report to racing course at 11 am on Saturday to draw racing lineup numbers.
- The cars are to be launched with the furthest point of their car on the starting line. The first car to cross the finish line is the winner. If neither car makes it to the finish line, the car which traveled the furthest in its own lane will be deemed the winner.
- If any car should cross the center lane divide, that car will be disqualified.
- Winning cars will advance to the next round until all are eliminated except one car.
- The finish line will be maned by an official Finish Line Judge.
- In the event of a tie, racers will switch lanes and re-run.

## The Track

- Launch line is approximately 36" from the ground
- Cars will be mechanically started at the same time by the Starting Line Official.
- The ramp section is approximately 12' in length and drops 2'.
- The track will have a smooth radius transition from the ramp to flat approximately 8' in length.
- The flat section will be approximately 12' in length
- There will be a 8' run-out section after the finish line equipped with foam stop blocks.

**CAR INSPECTIONS / TEST AND TUNE**

**Friday 1-3 PM**

**Saturday 9-11 AM**

**RACING BEGINS**

**Saturday AT 11 AM**