

Sprite Club of South Australia

Rocker Cover Racing Regulations

The Rocker Cover Racers will be released at the top of a ramp, and will then continue along a track approximately 4 to 6 meters in length. Each race will include two racers at a time. The Rocker Cover Racers must be BMC- A series Engine Rocker/Valve Covers with wheels attached.

THE FIRST TO PASS THE FINISH LINE WINS!

CLASSES:

Class 1 – Racers

Class 2 - Best Presented

THE COURSE:

- The course shall consist of a track approximately between 4 to 6 meters in length.
- The course will include launch incline followed by a lesser running incline with a catching soft material at the end.
- The track will be divided into two lanes.
- The start will be by means of a manually operated release bar.
- The finish line will be clearly defined by a line on the track.
- The track is divided down the middle to prevent racers from colliding and has edging to prevent the racers leaving the track.

THE RACE:

- Cars will run in heats of two cars, in either one off elimination rounds or in a round robin format subject to the number of entries.
- The cars are launched with their front against the starting mechanism bar.
- The race will be started by release bar by an independent operator.
- The first car across the finishing line will be deemed the winner.
- If neither car crosses the finish line then the car travelling the farthest on the track will be the winner.
- Winning cars will advance to the next round until all but the winning racer is eliminated.

THE RACER BUILD REGULATIONS:

- The car shall be built from an A series engine STEEL rocker/valve cover.
- No aerodynamic aids can be added to the rocker covers.
- Oil filler caps shall NOT be removed.
- The overall height of the original tappet cover must NOT be altered.
- Stud holes may be used to secure the axle and wheel assemblies.
- The oil breather tubes on rocker covers MAY be removed.
- Racers shall have a minimum of 3 wheels with non metallic tyres/contact points with the track.
- The cars shall NOT have any additional power source whatsoever.
- Dimensions of rocker covers must remain as produced.
- The diameter of the wheels must not exceed 200 mm.
- Wheels may be either within or outside the cover.
- The maximum width of the racers, including wheels should be no more than 210 mm.
- Maximum weight of racer is 3.0 kg.
- The front wheels must not extend beyond the front of the cover.
- No electrical or magnetic devices may be used on the covers
- The Judges call is final