

TBBCC 2024 Valve Cover Race Procedures/Rules

The procedures/rules of TBBCC Valve Cover Racing are designed to provide a fun safe event with Valve Cover Racers (VCR) constructed so every participant has an equal chance of winning the event with **FUN** as the primary objective.

The information below is divided into sections: The VCR Track, VCR Specs, Racing Procedures and Race Rules.

The course will be the responsibility of the Twin Bay British Car Club race committee.

The race committee chairperson will be responsible to assure the procedures/rules are followed and all VCRs are properly weighed and are safe to run.

The VCR Track:

The course shall consist of a starting and launch ramp followed by a runout section. The launch ramp incline shall be:

- ◆ 4 Feet High at the launch end
- ◆ 8 Feet Long divided into 2 Lanes with each lane 18 Inches Wide

*The first 24 Inches of which is designated the start area with a mechanical start gate at the **24 Inch Mark**.*

The runout section shall be 24 Feet Long:

- ◆ provide a smooth transition from the Launch Ramp
- ◆ have continued the two lanes from the Ramp and a finish line clearly marked.

The Required VCR Specifications:

1. All Valve Cover Racers are to be fabricated from valve covers or cam covers of a **Passenger Automobile**.
2. The VCR must be within the following dimensions when complete:
 - ➔ Wheel base (distance between axels) must remain within the length of the actual valve cover
 - ➔ 24 Inches Maximum overall length
 - ➔ 12 Inches Maximum overall width
 - ➔ 10 Inches Maximum overall height
 - ➔ Weigh no more than 12 lbs.
 - ➔ Have at least 4 Non-Metallic Wheels no more than 6 Inches in diameter that are designed to touch the surface of the track.
3. VCR shall have no power source other than gravity and may not have moving weights.

4. All weights must be within the confines of the valve cover. Dropping or shedding weights (or anything else) onto the track will result in immediate disqualification.
5. No part of the VCR may extend beyond the starting gate.

Racing Procedures:

1. Upon registration each VCR will be assigned a racing number.
2. Prior to the start of the first race all participating VCRs will be officially weighed in and confined to the vehicle corral. Once weighed, only wheel alignment will be allowed between races. (Exception: Collision Rule)
3. Bracket Racing as defined below will be the form used to determine winners and will be posted and updated throughout the event.
 - VCRs will run in side-by-side races with beginning racers selected by random draw from assigned racing numbers.
 - Each Bracket shall consist of the number of races required to accumulate two (2) wins for one competitor. Racers switch lanes after each race.
 - Winners of each bracket advance to the next bracket until all are eliminated except one. The final VCR remaining is the overall winner of the event.
 - The Line Judge is the sole determiner of who has won.

Racing Rules:

1. VCRs will be launched with the forward most end (if one is defined) touching the starting gate.
2. Only the VCR owner or designate may place and align the racer in position at the starting gate and once placed may not touch it again.
3. The first VCR to have it's forward most part touch the finish line wins the race.
4. If neither VCR makes it to the finish line the VCR going the furthest wins as long as it remained within its lane. If neither vehicle remained within the lanes then the race is re-run.
5. If the wheels of a VCR cross the center lane marker into the other VCRs lane it becomes the loser for that race. If in crossing the center lane marker a collision occurs the collision rule applies.

Collision Rule:

If a collision occurs the at fault VCR is disqualified from that bracket. The non-fault VCR shall be determined winner of the bracket and be allowed to repair any damage sustained to the VCR and be given two practice runs prior to continued racing.

The at fault VCR must demonstrate to the racing official that sufficient repairs have been made to not cause another collision prior to being allowed reentry into racing.