

VORTEX ROK FESTIVAL 2022

OCTOBER 14-16

OAKLEIGH GO-KART CLUB

patrizicorse.com
KARTINGONLINE



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2022 ROK FESTIVAL EVENT FORMAT AND SCHEDULE

Welcome to the 2022 Inaugural ROK Festival Australia by Vortex. Below you will find a simple information sheet will all the relative information required for the event.

RACING FORMAT

In addition to multiple practice sessions on Friday, all classes will receive a minimum of one (1) qualifying session, three (3) individual heat races, and one (1) feature event per day. The grid order for the feature event will be based on points earned in the heat races. Qualifying will be 7 minutes each day with Heat races of 15 laps each and a 20-lap feature. The winner of the weekend will be decided by the points score across both feature races combined.

PRACTICE

Sessions by class – (per the final schedule to be given out at the track).

QUALIFYING

Refer to Qualifying format above.

HEATS

Starting grid positions for all heat 1 are based on original qualifying times. Starting grid for Heat 2 based on finishing position in Heat 1.

Heat scoring: 0pts-1st, 2pts-2nd, 3pts-3rd, 4pts-4th, and so on.

FINAL

Grid by aggregate heat points (tie breaks by original qualifying time).

1st place - 40 points, 2nd place - 37 points, 3rd place - 35 points, 4th place - 34 points, 5th place - 33 points and so on with one (1) point being deducted for each place. NON finishes will be awarded zero points.

ROK Festival winners and podium will be awarded to those who score the highest points across both Saturday and Sunday's feature races. Race 3 and 6 for avoidance of doubt.

ROK GP ENGINE BALLOT AND LEASE

All competitors are required to sign and pay for their lease engines prior to Thursday afternoon unless otherwise agreed with Patrizicorse. Engines must be used in their original configurations and as supplied which includes the OTK radiators and water hoses. No markings of other engine manufacturers logo's on water hoses of Go karts are permitted. It is not compulsory for the competitor to use the supplied water pump and water pump pulley if you already have a water pump mounted to your kart this is fine.

Engines and accessories must be returned as supplied, wear and tear to battery cradle mounting brackets is acceptable however any other damage or wear to the external parts of the engines and accessories will be at the responsibility of the competitors. This will be at the sole discretion of Patrizicorse.

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Not supplied with engines are the following items

- 12v Battery
- Airbox cradle and mount
- Engine mount and clamps - **80x102 bolt Pattern** (Patrizicorse will have available for purchase)
- H2O Sensor Housing (Patrizicorse will have available for purchase)

Engines and accessories returned after Sunday's race 6 must be returned as supplied, cleaned and free of all fuels and liquids, packaged back in the boxes as supplied. A full inspection of the parts will be performed by Patrizicorse at the handover of the engines and the accessories. We ask for you full co-operation towards this.

ROK SHIFTER

All competitors are required to sign and pay for their lease engines on Thursday afternoon unless otherwise agreed with Patrizicorse. Engines must be used in their original configurations and as supplied. No markings of other engine manufacturers logo's on water hoses of Go karts are permitted.

Engines and accessories must be returned as supplied, any damage or wear to the external parts of the engines and accessories will be at the responsibility of the competitors. This will be at the sole discretion of Patrizicorse.

Not supplied with engines are the following items

- Radiator, water hoses and water pump.
- Airbox cradle and mount
- Engine mount clamps (Patrizicorse will have available for purchase) engine mount provided.

Engines and accessories returned after Sunday's race 6 must be returned as supplied, cleaned and free of all fuels and liquids, packaged back in the boxes as supplied. A full inspection of the parts will be performed by patrizicorse at the handover of the engines and the accessories. We ask for you full co-operation towards this.

ROK GP ENGINE RE-BALLOT

As per the regulations a random draw re-ballot of engines for ROK GP and ROK GP masters will be conducted on Saturday evening. As this is a random draw there is a possibility you could end up using the same engine on both days. The random draw will be a simple pick a number from a box format.

Competitors are required to have their ROK GP engines back to Patrizicorse cleaned no later than 45min after the feature race on Saturday. We will then perform some basics checks with our technical staff and have the engines ready for a re-ballot shortly after. Competitors are only required to bring back the bare engines as supplied with Coil and engine chain guard attached. You can keep your carburettor for the entire event.

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ROK GP CARBURETTOR SPECIFICATIONS

For this event only the following specification can be used.

Main Jet: 142 – 145 or 148
Needle Clip: Position 3.5, 4 or 4.5
Air Screw: maximum position 2 turns.

Please be reminded as per the ROK GP homologation document that only the Main jet and needle position are permitted changes on the ROK GP carburettor. All other jets and tubes are to be used as per the Homologation. It is the responsibility of the competitor to check your carburettor to make sure it conforms with the regulations. For avoidance of doubt the below id as per homologation.

Homologated Dell'Orto VSHS 30 Set Up for ROK GP:

- Slide: #40
- Needle: K33
- Outer pilot: #60
- Inner pilot: CD1 ONLY
- Emulsion tube: DP268 ONLY
- Floats: 4gm as supplied standard
- Maximum venturi size: 30mm
- Needle Valve 250 or Needle Valve 270
- Main Jet - Open

Engines are sealed and therefore no changes to squish or cylinder heights can be performed. All exhaust and reed block gaskets and spacers must stay as supplied and cannot be altered. Only NGK 9EG or 9EGV spark plugs are permitted for this event.

ROK SHIFTER CARBURETTOR SPECIFICATIONS

Please be reminded as per the ROK SHIFTER homologation document that only the Dell'orto parts listed as below are permitted to be used or changed on the ROK SHIFTER carburettor. It is the responsibility of the competitor to check your carburettor to make sure it conforms with the regulations. For avoidance of doubt the below id as per homologation.

Homologated Dell'Orto VSHS 30 Set Up for ROK SHIFTER:

- Slide: #40
- Needle: K98
- Outer pilot: #60
- Inner pilot: B45-B46-B47-B48-B49-B50
- Emulsion tube: DP268 – DP267 or DQ268 ONLY
- Floats: 4gm as supplied standard
- Maximum venturi size: 30mm
- Needle Valve 250 or Needle Valve 300
- Main Jets - OPEN