

Super Prokart Class - Tullyallen Kart Club

1. Chassis SuperPro chassis as manufactured by Chris Purdie Racing (formally F1 Karts)

2. Brake One hydraulic disc brake to be fitted to the rear axle only.

3. Rear axle size open. Hollow or solid magnetic material only.

4. Front and Rear Bumpers

4.1. The Kart must have protection (bumpers) at the front and rear which shall have a strength and construction appropriate to their function. All tubing used must be of magnetic steel. Studs with more than 3 threads protruding from the rear of the kart must be covered with appropriate nuts, caps or other suitable protective cover.

4.2. Front bumper must be detachable. From 2022 onwards, the front bumper must be drop-down as per other classes.

5. Engine.

5.1. One Honda GX620 series engine to be fitted. Pull or electric start only. No parts other than the standard Honda genuine parts for the engine type to be fitted.

5.2. The only permitted modifications to the engine are.

5.3. Removal of the external parts of the governor mechanism are permitted but the governor mechanism must remain operational inside the engine.

5.5. The throttle linkage is free.

5.6. No machining or removal of any part of the engine unit by any means is permitted. The original casting marks must be visible on all surfaces of the engine. The original Honda finish must remain on all parts and components of the engine in their original place unless these regulations specifically state that you are allowed to remove them.

5.7. Carburettor: The standard Honda carburettor as originally fitted to the engine must be used, with the original air filter and choke fitted in its entirety. The plastic outer cover may be trimmed around the choke lever /throttle cable to facilitate clearance of the linkage.

5.8. Fuel pump A standard Honda fuel pump must be used.

5.9. The exhaust manifold and fitment to the engine are free. A silencer must be used.

5.10. Engine crankcase breather is free (if vented outside the engine a catch tank of minimum 250ml must be used).

5.11. Crankshaft/conrod assembly: Re-grinding of the standard Honda crankshaft assembly is permitted for repair purposes only. Offset grinding is forbidden.

6. Clutch. A dry air-cooled centrifugal clutch which cannot be adjusted in position must be used with a maximum engagement speed of 2500rpm engine speed to transmit the drive to the rear axle.

7. Chain Drive. Only one sprocket to be fitted to the rear axle.

8. Eligibility.

8.1. All engines to be sealed between the crankcase and the cylinder heads with a minimum of one seal per cylinder. The competitor must ensure that they are in possession of an engine logbook bearing the engine number and the numbers of each seal.

8.2. The scrutineers reserve the right to take away an engine for inspection if they wish. If any infringement is found, then the competitor becomes liable.

8.3. Only seals supplied by a designated Super Prokart engine service person may be used.

9. Number plates are white numbers on a red background.

10. Drivers Senior class aged 16+

12. Tyres

12.1. Super Prokarts dry tyres are Maxxis SLR or Maxxis T4. Wet tyres are open for 2021.

13. Class Weight. The minimum weight for the kart and driver is 195kg.

14. Fuel Standard pump petrol available to the general public at a petrol station with no additives added afterwards.