

RK1

HOW TO PUT AN RK1 INTO USE:

We assume that the engine is mounted on the kart, the kart is on a kart stand/stand off the ground and the wheels can turn freely. Before starting the engine, check the oil level using the dipstick. The engine is delivered from the factory with so-called running-in oil, this oil must be used during the running-in period described below. Remove the spark plug from the cylinder head (insert the spark plug into the spark plug cap and make contact with the cylinder head with the spark plug, this is to prevent damage to the coil), set the main switch to "ON" and start the engine for approximately 5 seconds, this will pump the oil present in the engine around. Set the main switch to the "OFF" position and put the spark plug back in place and put the spark plug cap back on the spark plug. Set the choke handle to the top position and set the main switch to "ON". Make sure that there is sufficient petrol in the float chamber of the carburettor (e.g. by blowing into the breather hose with your mouth to allow the petrol to flow under pressure into the carburettor). Now start the engine by pressing the starter button and let the engine idle for about 2 minutes at a maximum of 2,000/3,000 rpm. After about 2 minutes the choke lever can be set to the "middle position" and the engine speed can be increased in steps up to 5,500/6,500 rpm. After a few minutes the engine will have "warmed up" sufficiently and the choke lever can be set all the way "down" (if necessary the idle speed can be increased or decreased by turning the idle screw on the side of the carburettor). Then let the engine vary the speed for 10 minutes with a maximum of 7,000 rpm. After this step, switch off the engine and check the oil level (top of the dipstick hatching = 800cc). For the first time on the track with the engine: Start the engine and let it run quietly for a while at varying speeds to allow the engine to reach operating temperature. During the first 15-minute running-in period, drive at variable speeds with a maximum of 7,000/8,000 rpm. Then let the engine "cool down" for 30 minutes and check the oil level again. During the second 15-minute running-in period, the speed can be slowly increased to a maximum of 8,500/9,000 rpm, after which it is recommended to change the engine oil. Drain the running-in oil and fill the engine with 800cc of synthetic 4-stroke oil, Only official RK1 oil. The engine is now sufficiently run-in to fully utilise its power and can be ridden freely.



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