

## **CKRC 2011 Clone Rules:**

As far as clones are concerned, they are to be run stock with the following additions or changes: These rules describe the specifications of clone engines. All parts must be factory production parts unless otherwise specified. No machining or alteration of parts is permitted unless specifically noted. All parts are subject to be compared to known stock parts. No reading in-between the lines. If it is not in the rules, it must remain stock. UNLESS OTHERWISE STATED ENGINE WILL BE TECHED AS RACED.

-stock means: the parts that the engine came with. The motors are so cheap that it doesn't make sense to re-build them.

-remove engine mounted gas tank and run floor mounted tank with any fuel pump pulse fed from valve cover or crankcase side cover.

-stock carb with original bore no go size (0.615") venturi and (0.751") rear bore size. Any main jet size, any pilot jet size, GX140 or stock emulsion tube allowed

-all stock unmodified gaskets and spacers must be used to install carburetor

-Head gasket is non-tech

-Combustion chamber volume: Minimum 27.5cc

-no decking or machining of any surface

-stock valves and keepers with G200 valve springs (part # 14751-883-000)

-Stock Camshaft (no CL-1 or CL-1M)

Maximum running lift: on Exhaust is 0.242" taken on valve spring retainer with zero lash.

Maximum Exhaust lift: on cam .232" taken at the pushrod.

Maximum Running Lift: on Intake is 0.238" taken on valve spring retainer taken on valve spring retainer with zero lash.

Maximum Intake lift: on cam .225" taken at the pushrod.

Maximum Duration check for Intake and Exhaust lobes (taken off pushrod). Cam lobe base circle diameter .865" -.005"/+.010". (All checks will allow +2 degrees for wear and gauge variances.)

Exhaust duration of 221.5 degrees at .050" lift/96.5 degrees at .200" lift.

Intake duration of 218.5 degrees at .050" lift/85.5 degrees at .200" lift".

-remove governor and low oil sensor

-stock flywheel with or without a key and timing is open

-any aftermarket carb cup and filter

-Canada Senior pipe dimensions Must be single stage maximum outside diameter of the header tubing throughout the entire length shall be 0.925" MINIMUM - 1.005" MAXIMUM with two exceptions:

The bend area where the diameter shall be 0.900" MINIMUM - 1.050" MAXIMUM. Within the thickness of the flange.

The length of the header shall be 8.000" min. - 12.000" maximum, not including the silencer.

Measurement to be taken with a 1/4" (6 mm) maximum width cloth tape measure.

-dry shoe clutch, no disc clutches

-spark plug and cap is open

-any kind of throttle assembly and top plate as long as there is a safe and effective throttle return mechanism.

-engine mounted chain guard mandatory

-pipe wrap mandatory

-Premium unleaded gas from club set spec gas station and pump

-maximum chassis width 140cm or 55.1"

Unless mentioned otherwise, only stock clone components purchased with the engine can be used.