

F-Series Class Regulations Kid Kart C 51

Driver Age 5 to 7 must have reached 5th birthdate

Spec Fuel 87 Octane

Minimum Weight 150 lbs

Tires LeCont Red Max Rear circumference 33.75"

Gear Ratio 10/89

Comer C51 Engine is to remain stock, as per manufacture.

Carburetor Model SHA 14-12 Dell Orto must be as cast no modifications allowed.

Venturi .475" NO-GO

JET SIZE .019" Must-GO .026" NO-GO

Atomizer Tube Float Bowl Side .035" NO-GO Slide Side .049 NO-GO

Intake Manifold No Modifications Allowed

Air Filter Must remain as supplied

Combustion Chamber Volume minimum 8.3 cubic centimeters

Cylinder As Cast no modifications permitted

Port Height Exhaust 1.200" Minimum Intake .370 Maximum

Piston OEM Minimum piston length from bottom of ring land to bottom of piston is 1.210"

Ring OEM

Crank Pin & Wrist Pin OEM

Main Bearings Must be same style and size as OEM Brand is NON Tech

Seals Must be installed as OEM Brand is NON Tech

Plug Boot NON-Tech

Plug wire OEM

Spark plug must be OEM 3/8 reach

Muffler OEM Gasket OEM

Clutch OEM no modifications allowed

Engine Timing Check

Remove Spark Plug

Remove Starter Cover

Install Dial Indicator in Spark Plug Hole

Set Dial Indicator to 0.0 at top dead center Rotate Flywheel in counter clockwise direction until the left hand (leading) edge of the first magnet is exposed to the left side of the coil.

Observe mounting lug of coil. Note that the bottom of the lug is machined to match the curve of the flywheel. The left-hand edge of the lug (nearest to engine center) is the edge that will be used to determine ignition timing.

Continue to rotate the flywheel counter clockwise to align the right hand (trailing) edge of the magnet with the left hand side of the mounting lug and the dial indicator . Right hand (trailing) edge of the magnet should be between .040" and .060" before top dead center. Any reading outside of these requirements are deemed illegal.