Cobra Sales Bulletin

Cobra Moto, LLC
240 Uran Street
Hillsdale, Michigan 49242
(517) 437-9100 phone
(517) 437-9101 fax

May 24, 2016

CSB0116
60cc Mod Kit for FWE Engine

Cobra has a new Ø43mm bore 60 kit for appropriate 'mod' races. The parts are:

- EKCSMO01 - TOP END KIT - Ø43mm - COMPLETE - containing
  - CYLINDER KIT - EKCSMO02 - containing cylinder and piston kit
  - HEAD INSERT - ECCSMO05
  - TOP END O'RING KIT -
  - BASE GASKET - 1 OF EACH THICKNESS

The best performance with this kit is achieved while using the RAEX0021 21mm Dell'Orto carburetor. This carburetor is a direct replacement for the 19mm carburetor that is stock on the CX50 FWE.

CAUTION
One of two possible modifications must be done to the engine for this kit to be used on a stock set of engine cases.

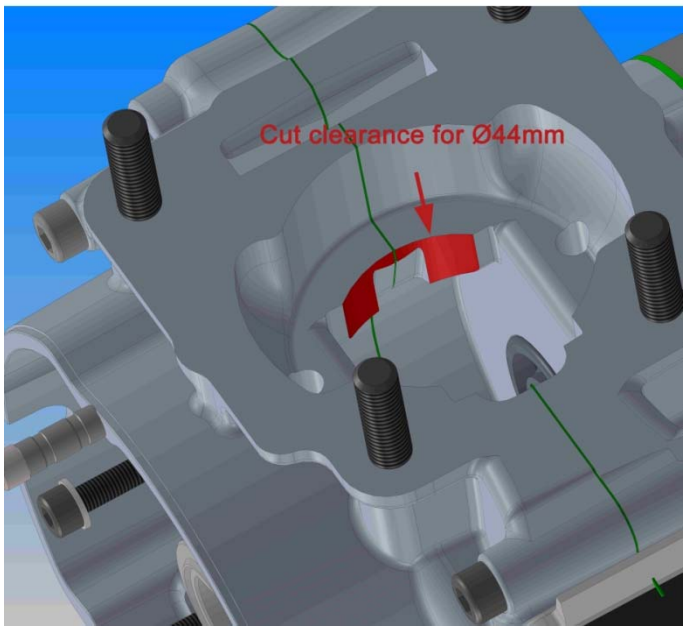
One modification is quicker and easier but does not run as well, whereas the other modification is more time consuming but will run to the kit's full potential.

Option 1) quicker and easier - modify the piston that you have received by cutting or grinding 4mm of material off the exhaust side piston skirt as shown. This would be best done with a milling machine but could also be accomplished with careful work of a saw or grinder.

Cobra Sales Bulletin

Cobra Moto, LLC
240 Uran Street **(517) 437-9100 phone**
Hillsdale, Michigan 49242 **(517) 437-9101 fax**

Option 2) performs better but more work - modify the engine cases by removing material from the surfaces shown to make clearance for the piston at BDC (Bottom Dead Center).



NOTE:
The implementation of option 2 prohibits the ability to convert the engine back for legal use in the AMA limited classes.