

Installation Instructions for 80950 Economy CC Kit

Package Contents:

- (1) 5" x 5" Clear CC Plate
- (1) 60cc Measuring Device
- (2) 3/8" Bolts w/ Nuts & Washers

Note: The CC Measuring device may be calibrated in ml or cc's. The volume of 1 cc is the same as 1 ml of water (1 ml = 1.000028 cc's of pure water at 4° C, but this is close enough to be considered the same). This measuring device is for automotive use only (other usage is not recommended).

- 1) Remove any carbon build-up, oil, or dirt particles from the combustion chambers & deck on the heads. The cylinder head must be clean and fully assembled w/ the valves, springs retainers & spark plugs in the head (same parts that will be used in the engine).
- 2) Level the heads w/ the combustion chambers facing up as shown in the photo. The two bolts will work with most wedge style heads to hold it level. Other style heads may require some other method to hold them level. Make sure the bolts are not in a location that will be in the way of the CC plate for the chamber you are measuring.
- 3) Apply a small amount of grease or Vaseline (not included) to edges of the deck near the combustion chamber. Be sure not to get any of the grease or Vaseline into the combustion chamber or this could change the measurement.
- 4) Place the CC Plate over the combustion chamber and press it into the grease or Vaseline to seal it up around the edges. Check to make sure that no grease or Vaseline has been pushed in the combustion chamber or on the CC plate inside the chamber.
- 5) Insert the measuring device in a glass of water and pull on the end to fill it up. Make sure there are not any air bubbles in the water adjust it to exactly 60 ml or cc's.
- 6) Carefully fill the combustion chamber full of water from the measuring device. Fill it up just to the bottom of the hole in the CC plate. Be careful not to spill any water and make sure that none is leaking out the edge. Calculate exactly how much volume it takes to fill the combustion chamber. Add more water to the measuring device if you cannot fill it with the first 60 cc's. Add the volume used together and this is the cc's of the combustion chamber.
- 7) Measure each combustion chamber separately and average them for the cylinder head.

