



Complete Head CC Kit

Thank you for choosing COMP Cams® products; we are proud to be your manufacturer of choice. Please read this instruction sheet carefully before beginning installation, and also take a moment to review the included limited warranty information.

Procedure Instructions:

1. Select and mix your fluids – there are several fluids you may use with your cc kit. However, we recommend a half and half mix of water and alcohol with a few drops of dye or food coloring to make the fluid more visible.
2. Fill buret or flask – note the exact amount of fluid. It is easiest to start with exactly 100cc's.
3. Install the correct spark plugs and valves – if the heads do not have the springs installed, use a little grease around the valve seat to seal the valves.
4. Position and secure the head in a horizontal position – we offer both aluminum (Part #5331) and steel (Part #5332) V-style head holders to make this job easier.
5. Lightly grease the head surface – it is not necessary to grease the entire head, only the area where the acrylic plate will seal.
6. Press the acrylic sealing plate against the head – make sure that the plate is securely sealed all the way around the chamber.

Note: On some heads the valve or valves will be above the head deck surface, making it impossible for the plate to seal against the head. This problem can be resolved by carefully grinding a small slot in the acrylic plate large enough to clear the valve.

7. Slowly fill the chamber – fill the chamber through the hole in the plate. Be careful not to spill. Fill the chamber to the bottom of the fill hole and make sure no air bubbles are present.
8. Determine the amount of fluid missing from your buret or flask – on the burets, the fluid level will read exactly how much fluid was used. With the graduated flask, subtract the ending volume from the starting volume. The difference is the amount of fluid required to fill the head chamber.

Note: Due to the fragile nature of this product, damage may occur in shipping. Products damaged in transit are the sole responsibility of the shipper, and all claims must be made to their customer service department.

For more information on the proper procedure to cc your engine, we offer:

- **“How to Build & Modify Chevrolet Small Block V8 Cylinder Heads”** by David Vizard
(Part #4966)

Limited Warranty

Competition Cams, Inc. warrants that all of its products are free from defects in material and workmanship, and against excessive wear for a period of (1) one year from the date of purchase. This **limited warranty** shall cover the original purchaser.

Competition Cams, Inc.’s obligation under this warranty is limited to the repair or replacement of its product. To make a warranty claim, the part must be returned within (1) one year of purchase to the address listed below, freight prepaid. Items covered under warranty will be returned to you freight collect.

It is the responsibility of the installer to ensure that all of the components are correct before installation. We assume no liability for any errors made in tolerances, component selection, or installation.

There is absolutely no warranty on the following:

- A) Any parts used in racing applications;**
- B) Any product that has been physically altered, improperly installed or maintained;**
- C) Any product used in improper applications, abused, or not used in conjunction with the proper parts.**

There are no implied warranties of merchantability or fitness for a particular purpose. There are no warranties, which extend beyond the description of the face hereof. Competition Cams, Inc. will not be responsible for incidental and consequential damages, property damage or personal injury damages to the extent permitted by law. Where required by law, implied warranties or merchantability and fitness are limited for a term of (1) one year from the date of original purchase.

This warranty gives you specific legal rights and you may also have other legal rights, which vary from state to state.



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