



## Carburetor Cap & Idle Adjustment Screw

The following kit is to be used by a certified motorcycle mechanic.

**Your kit includes:** (1) throttle cable, (1) carburetor cap, (1) cap adjuster, (1) adjustment screw, (1) lock nut, (1) #6 drill & (1) 6mm x .75 tap.

1. Remove carburetor from the engine. The idle screw will be installed on the outside of the carburetor.
2. Remove the cap and the slide from the carburetor.
3. On the outside of the carburetor there is an unthreaded hole protruding from the middle of the carburetor. The #6 drill will fit in the hole. This protrusion is angled, and will help you locate which hole to drill and tap.
4. Take a file and file the angle of the protrusion until it is flat.
5. Drill through the casting with the #6 drill. Make sure that you drill all the way through into the opening.
6. Next, tap the hole that you just drilled, all the way through into the opening. It is recommended that you use some thread cutting oil or WD-40 to facilitate the threading.
7. De-burr all edges around the both sides of the hole with a counter sink to ensure smooth threading and to make sure that the slide does not hang up on burr.
8. Place the slide back into the carburetor to make sure that it drops down all of the way. The ramp on the slide should line up with the idle screw adjuster that you just installed.
9. Replace the cable and the cap and then install back on the bike.
10. Repeat steps 1-9 for the other carburetor.
11. If both slides bottom out then you can start the bike and adjust the carburetors using the idle adjustment screws. Hold the throttle at the desired idle speed. Now you can turn the idle screw until it barely touches the slide. Use the same method for the other carburetor.

**Make sure that the carburetor slide goes all the way to the bottom and everything works smoothly and freely before starting your bike!!!**

If you have any questions regarding the process of installing the carburetor cap and idle screw adjustment kit then you can call us at 800-854-4691 anytime between 8:00am and 4:00pm PST.

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