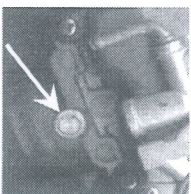


The Original EZ-JUST® Mixture Needle Screw

The following steps outline the procedure for installing the EZ-Just® mixture screw on a Harley Keihin CV carburetor (1989-2006). Installer should have the appropriate factory service manual available for reference and follow all safety precautions. Additional instructions at <http://cv-performance.com/ezjust>

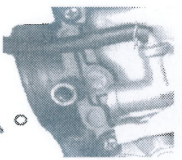
1. Follow the service manual procedure to remove the carburetor.
2. Locate the soft aluminum plug that seals the mixture screw. On the CV carburetor, it is on the bottom toward the spigot end of the carburetor (pictured right).
If the plug was previously removed, proceed to #5.
3. This step requires a 1/8" or similar drill bit and short self-tapping sheet metal screw or pick. Drill into the plug approximately 1/4". Be very careful not to drill too deep and damage the needle screw or damage the threads within the bore.



4. Use a pick or screw a sheet metal screw into the hole you drilled into the plug and pull the plug out with a pair of pliers. Remove any metal shavings or debris. Wear eye protection if using compressed air to clear debris.
5. With a small flat blade screwdriver, remove the idle mixture screw.
CAUTION! There is a spring, washer and o-ring under the needle! Do not lose these! If they are lost, order the packing kit CVP-MXPACK
6. Install the new EZ-Just into the carburetor making sure the spring, washer and o-ring are installed correctly. The washer must be between the spring and o-ring.



7. **IMPORTANT: The EZ-Just MUST SCREW IN 10-12 FULL TURNS** until seated, **ONLY 1-2 threads will be visible**. Failure to start the screw from this position will cause it to come loose or fall out.



On rare occasions the threaded fit may feel looser or tighter inside the mixture bore. If the screw feels loose and is fully seated, add Teflon plumbers tape to the screw threads to assure a snug fit. If overly tight, clean the internal threads with light oil (3-In-1 oil) and work the EZ-Just in and out to cut any carbon or buildup.

8. Back out 1 1/2 turns to establish a starting point adjustment.
9. Reinstall the carburetor according to the service manual.
10. After installing the carburetor, check for fuel and/or vacuum leaks. ***Vacuum leaks are the #1 cause of issues following any installation, be sure to check that the manifold boot is snug.***

11. Bring the engine to operating temperature and set a low idle.
12. Turning the mixture screw in clock-wise leans the mixture, turning it out richens the mixture.
13. Blip the throttle and observe the results. If the engine responds smoothly, the idle mixture should be set correctly*. If hesitation (cough) occurs then adjust the mixture screw out another 1/8th turn. Repeat until correct. If turned more than 3 turns out check for vacuum leaks or increase pilot jet size.
See our instructions page online for more tuning details.

More information or video instructions visit CV-Performance.com/ezjust or the tech support forum at <http://bike-talk.com/ez-just/>

TERMS OF USE

Use of this product is an acceptance of all Terms Of Use listed. If you do not agree to the following terms, cease use of this product. *Instructions are recommendations only. Local, State, and/or Federal regulators may require that the idle mixture be set to a factory setting. The adjustable screw is meant as an original equipment replacement to adjust the idle mixture properly to factory standards. Installation and use is only to be performed on vehicles not intended for street use (i.e. racing, off-road), not for use in California, or where not governed by emission control regulations. Installer/buyer is responsible for abiding by all laws or regulations. Buyer/installer assumes all liability for proper use of this product. This product, instructions, manufacturer, or distributor does not advocate any use or action that would be in violation of any law or regulation. Seller is not liable for any misuse of this product. Intended for use on a Harley CV40 carburetor only.

Seller or Distributor shall not be held liable for any loss, damage, injury, or other liability resulting from this product or included instructions whatsoever. This item is sold as-is and is warranted by the manufacturer against material defects only. CV Performance is not affiliated with other manufacture(s), dealerships, or the Harley-Davidson® Motor Company in any way. EZ-JUST® is the original trademark name and property of CV Performance. All mentioned products or names are the property of those respective names and are for reference purposes only. Instructions or content may not be shared or duplicated without written permission.