

Choke Repair Kit

This kit provides the parts necessary to replace the choke lever assembly on Keihin carburetors, used on the CV22/23 (674 cc) engines.

⚠ WARNING: Accidental Starts!

Disabling engine. Accidental starting can cause severe injury or death. Before working on the engine or equipment, disable the engine as follows: 1) Disconnect the spark plug lead(s). 2) Disconnect negative (-) battery cable from battery.

This Kit Contains -

Qty.	Description
1	Plate, choke
1	Shaft, choke
1	Lever, choke
2	Screw, choke plate
1	Cap, choke
1	Spring, return
1	Bushing
1	Sealant, Loctite [®] No. 222
1	Gasket, carburetor
1	Gasket, air cleaner base
1	Installation Instructions

5. Use a screw extractor (easy out) and remove the original choke shaft bushing with the old choke lever from the carburetor housing. Save the bushing to use as a driver for installing the new bushing. Discard the old lever.
6. Clean the I.D. of both choke shaft bores as required.
7. Insert the new bushing through the new choke lever from the outside, and start the bushing in the outer shaft bore. Position the choke lever so that the protruding boss on the carburetor housing is between the two stops formed in the choke lever. See Figure 2.

To Install -

1. Access and remove the carburetor from the engine. Discard the old mounting gaskets for the air cleaner and carburetor.
2. Clean the areas around the choke shaft and the self-relieving choke mechanism thoroughly.
3. Remove and discard the plastic cap from the top of the choke lever/shaft assembly.
4. Note the position of the spring legs and the choke plate for correct reassembly later. See Figure 1. Remove the two screws attaching the choke plate to the choke shaft. Pull the shaft out of the carburetor body and discard the removed parts.

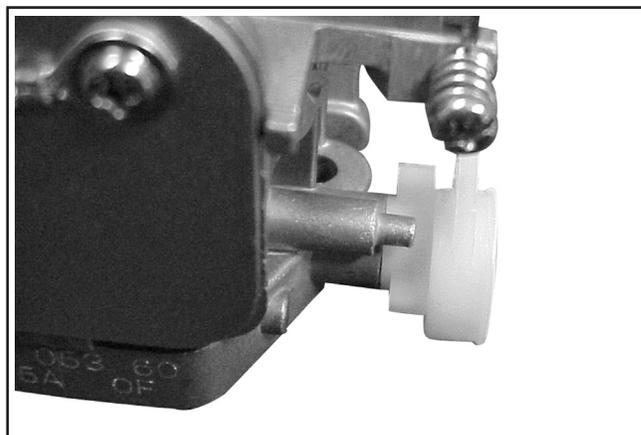


Figure 2.

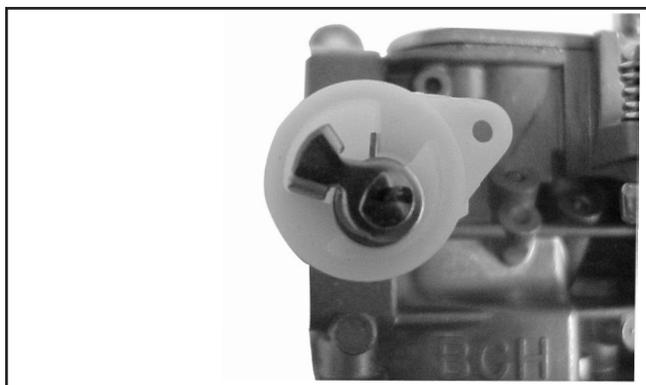


Figure 1.

- Turn the old bushing upside down and use it as a driver to carefully press or tap the new bushing into the carburetor body until it bottoms. Check that the choke lever pivots freely without restriction or binding. See Figure 3.

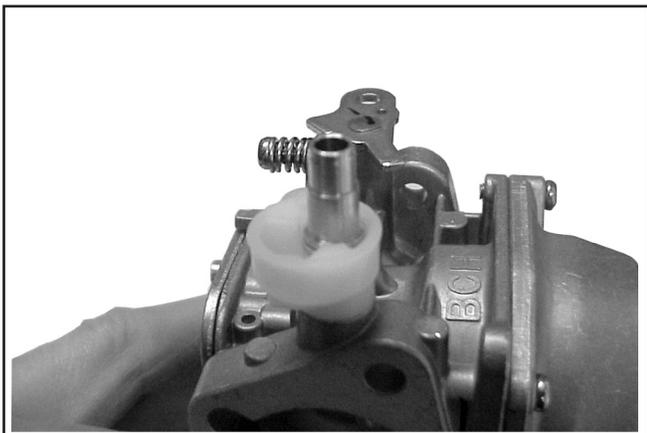


Figure 3.

- Install the new return spring onto the new choke shaft, so the upper leg of the spring is between the two formed “stops” on the end of the choke shaft. See Figure 4. Note: Make sure it stays in this location during the following step.



Figure 4.

- Slide the choke shaft and spring, into the carburetor. Pivot (preload) the shaft and set the inner leg of the spring, against the formed stop within the choke lever, as originally assembled. See Figure 1. The opposing leg of the spring must still be between the formed “stops” of the choke shaft.
- Place a drop of the Loctite® on the threads of each new screw. Install the new choke plate to the flat side of the choke shaft and start the two screws. The larger cutout must be on the right. Close the choke and check the plate alignment within the carburetor throat, then tighten the screws securely. **Do not overtighten.**
- Check for proper operation and free movement of the parts. Install the new cap.
- Reinstall the carburetor using the new gaskets provided, and any parts removed to gain access to the carburetor.
- Reconnect the spark plug leads, negative (-) battery cable, and test run the engine.